

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013535

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K38/00 C12N5/10 G01N33/50 A61P3/10		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K C12N G01N A61P		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, Sequence Search, EMBASE, BIOSIS, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	GÜNTHER KARMANN, CEO: "DeveloGen AG European Leader in Metabolic Disorders" 11 November 2004 (2004-11-11), XP002324340 ZÜRICH Retrieved from the Internet: URL: http://www.sbmd.ch/downloads/Presentations/DeveloGen_041111.pdf 'retrieved on 2005-04-13! the whole document	1-57
P,X	----- DATABASE EPO Proteins 'Online! 14 January 2004 (2004-01-14), "Sequence 51 from Patent W003099318." XP002324341 retrieved from EBI accession no. EPOP:AX959755 Database accession no. AX959755 the whole document -/--	1-57
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art 'B' document member of the same patent family		
Date of the actual completion of the international search 13 April 2005		Date of mailing of the international search report 27/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Fayos, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>& WO 03/099318 A (DEVELOGEN AKTIENGESELLSCHAFT FUER ENTWICKLUNGSBIOLOGISCHE FORSCHUNG; D) 4 December 2003 (2003-12-04)</p> <p>-----</p> <p>DATABASE EPO Proteins 'Online! 14 January 2004 (2004-01-14), "Sequence 52 from Patent W003099318." XP002324366 retrieved from EBI accession no. EPOP:AX959756 Database accession no. AX959756 the whole document</p>	1-57
A	<p>& WO 03/099318 A (DEVELOGEN AKTIENGESELLSCHAFT FUER ENTWICKLUNGSBIOLOGISCHE FORSCHUNG; D) 4 December 2003 (2003-12-04)</p> <p>-----</p> <p>DATABASE GENBANK 'Online! 17 October 2003 (2003-10-17), "similar to RIKEN cDNA 4832415H08 gene 'Homo sapiens!." XP002324343 retrieved from GENBANK accession no. GI:37548656 Database accession no. XP_034000 abstract</p>	1-57
A	<p>-----</p> <p>DATABASE GENBANK 'Online! 5 October 2003 (2003-10-05), "hypothetical protein LOC169611 'Homo sapiens!." XP002324344 retrieved from GENBANK accession no. GI:32698795 Database accession no. NP_872293 abstract</p> <p>-----</p>	1-57

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 53-57 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013535

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03099318	A	04-12-2003	AU	2003238178 A1	12-12-2003
			WO	03099318 A2	04-12-2003
			EP	1507553 A2	23-02-2005
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